

**Amendments to the Claims**

*Make changes to paragraph 3, page 4 (lines 19-30) as shown.*

The first and second sensor may for example comprise sensing amplifier devices with electrical characteristics which resemble the electrical characteristics of the RF amplifier device to be biased. The sensing amplifiers may then be connected in the circuit in such a manner that one of the sensing amplifiers is not subjected to one of the changes in the characteristics of the RF amplifier device and the other sensor amplifier is subjected to at least partially different changes. For example, one of the sensor amplifiers may be thermally connected to the RF amplifier device and experience degradation changes, while the other sensor amplifier device is ~~only~~ not thermally connected to the RF amplifier device. Thus one sensor amplifier characteristics change with time, while the other sensor amplifier characteristics do not. By comparing the characteristics of both sensor amplifier devices, the characteristics of the RF amplifier device connected to the bias circuit can be derived and the bias of the amplifier can be changed in reaction thereto.